

Remarks

In the Office Action dated April 9, 2004, the Examiner rejected claims 1, 2, 8, 11, 12, 18, 26 and 27 under 35 U.S.C. § 102 as being anticipated by the article in the name of Mengel. The Examiner rejected claims 5, 9, 15, 19, 21-25 and 28 under 35 U.S.C. § 103 as being unpatentable over Mengel in view of the U.S. Patent to Montillo, et al. 6,526,165. The Examiner rejected claims 3, 4, 13 and 14 under 35 U.S.C. § 103 as being unpatentable over Mengel in view of the U.S. Patent to Prosky 4,159,648. The Examiner rejected claims 6 and 16 under 35 U.S.C. § 103 as being unpatentable over Mengel in view of the U.S. Patent to Roy, et al. 5,956,134. The Examiner rejected claims 7 and 17 under 35 U.S.C. § 103 as being unpatentable over Mengel in view of the U.S. Patent to Kent, et al. 6,047,084. The Examiner rejected claims 10 and 20 under 35 U.S.C. § 103 as being unpatentable in view of Mengel in view of the U.S. Patent to Paulsen, et al. 6,522,777.

By this Amendment, Applicants Attorney has amended each of the independent claims of the application to make it clear that processing the 3-D and 2-D data in combination requires thresholding at least a portion of each of the 2-D and 3-D data to obtain respective 2-D and 3-D threshold data, combining the 2-D and 3-D threshold data to identify a set of data which corresponds to an overlapping image region of the 2-D and 3-D threshold data and locating at least one of a lead, an endcap and a component feature using at least a portion of the set of data.

Clearly, none of the art of record taken either alone or in combination with one another teach such processing.

Consequently, in view of the above and in the absence of better art Applicants' Attorney respectfully submits the application is in condition for allowance which allowance is respectfully requested.

Respectfully submitted,

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By  _____

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Date: September 9, 2004

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